

ADDICTIVE DESERT DESIGNS

2007 – 2013 Toyota Tundra Dimple R Rear Bumper Installation Instructions

PREPARATION

1. Disconnect the negative terminal on the battery. Park the vehicle on level ground and set the emergency brake.
2. We recommend reading through the installation instructions in whole before performing the work.
3. Estimated Installation Time: **2 Hours**
4. You will need the following tools:
 - a. Ratchet
 - b. Phillips Head Screwdriver
 - c. 12mm Socket
 - d. 19mm Socket
 - e. Butt Connectors (4)
 - f. Wire Crimpers

Note: this installation requires 2 people for best results

5. Included in Kit:
 - 1 - LED License Plate Light Set**Reuse Stock Hardware**

REMOVAL

1. From underneath the vehicle, remove your license plate lights from their housings.
2. Remove your license plate.
3. Remove the screw that is sitting behind the license plate. (Fig A)



Fig A

4. Carefully pull the corner plastic piece up and off the bumper. Repeat this step on the other side of the bumper. (Fig B)



Fig B

5. Carefully pull the center plastic piece up and off the bumper. (Fig C)



Fig C

6. Remove the three 12mm bolts on the top side of the bumper. Refer to Fig D. Repeat this step on the other side of the bumper.

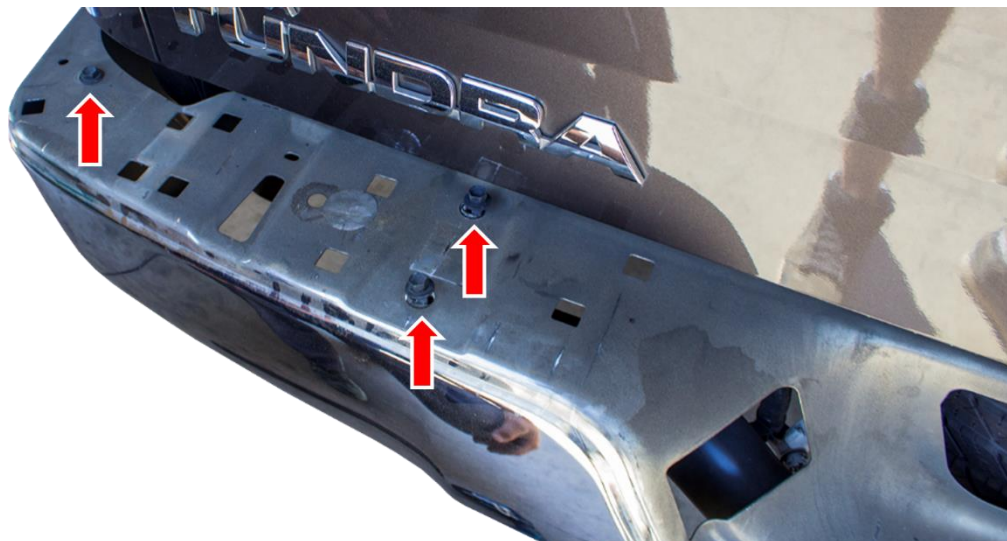
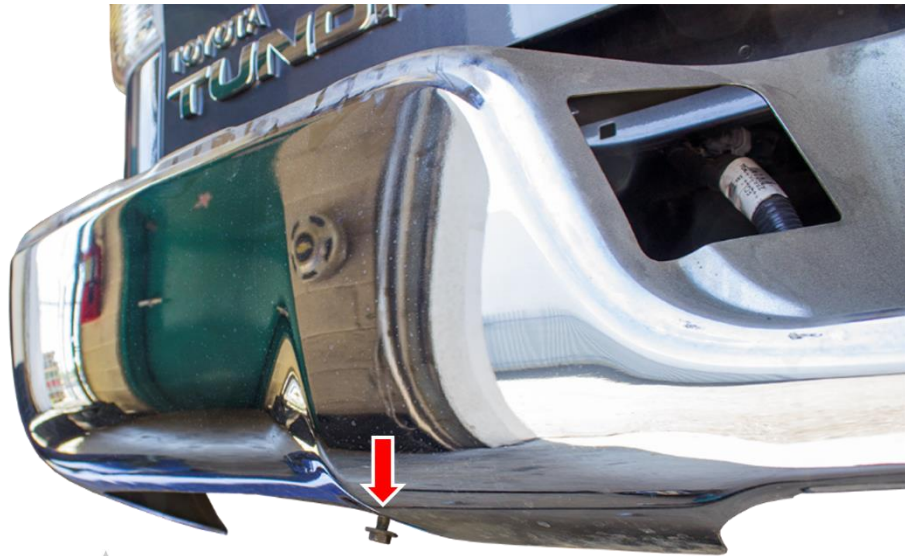


Fig D

7. Remove the single 12mm bolt on the bottom side of the bumper. Refer to Fig E. Repeat this step on the other side of the bumper.

Fig E



8. Remove the two 12mm bolts on the center section of the bumper. Refer to Fig F.



9. Remove the bumper from the truck.
10. Remove the two 19mm bolts along the side of the trailer mount. Refer to Fig G. Repeat this step on the other side of the trailer hitch tube. Save these bolts for reuse.



Fig G

11. Prepare to install your new ADD Rear Bumper.

INSTALLATION

1. If you have any lights to install on your bumper, now would be a good time to do so. Please follow the light manufacturer's instructions for mounting and wiring information.
2. Set your new bumper in place, then secure it to the frame using the bolts (x4) you removed in Removal Step 10. Leave these bolts finger tight for now. (Fig H)



Fig H

3. Line up your bumper so that it sits straight in relation the tailgate. Then, tighten the four mounting bolts to the manufacturer's torque specification.
4. Cut off both license plate light connectors.
5. Slide the wires from the supplied LED License Plate Lights through your license plate and the license plate mounting holes in your new bumper. Then, use the hardware supplied in the License Plate Light Kit to hold your new License Plate Lights and license plate to the bumper.
6. Using a butt connector, connect the red wire from one of your LED License Plate Lights to the green wire from your OEM License Plate Light Harness. (Fig I)

7. Then, use a butt connector to join the black wire from you LED License Plate Light to the white/black wire from your OEM License Plate Light Harness. (Fig I)



8. Repeat Steps 6 & 7 with the other supplied LED License Plate Light.
9. Reconnect your battery terminal and turn your lights on to make sure your newly installed LED License Plate Lights work properly. (Fig J)



10. Stand back and enjoy your new ADD Dimple R Rear Bumper.
11. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



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